- 1. (original): A copolymer derived from the polymerization of
 - (a) at least one cationic monomer of formula (I),

$$R_{1}-CH = C - C - C - CH_{2} - N - R_{4}$$

$$R_{1} - CH = C - C - CH_{2} - N - R_{4}$$

$$R_{2} - CH_{2} - R_{5}$$

$$R_{3} + R_{4}$$

$$R_{4} - CH_{2} - R_{4}$$

$$R_{5} - CH_{2} - R_{4}$$

$$R_{5} - CH_{2} - R_{4}$$

$$R_{5} - CH_{2} - R_{4}$$

wherein

R₁ is hydrogen or methyl,

R₂ is hydrogen or C₁-C₄alkyl,

R₃, R₄ and R₅ are independently from each other hydrogen or C₁-C₄alkyl,

n is a integer from 1 - 5, and

Y is a counterion,

and

(b) at least one monomer of formula (II)

$$R_6-CH=C-C-N R_9$$
 (II)

wherein

R₆ signifies hydrogen or methyl, and

 R_7 , R_8 and R_9 signify independently from each other hydrogen or C_1 - C_4 alkyl, with the proviso that at least one of the substituents R_6 , R_7 , R_8 and R_9 is C_1 - C_4 alkyl,

and

- (c) optionally at least one cross-linking agent, which contains at least two ethylenically unsaturated moieties.
- (original): A copolymer according to Claim 1 characterized in that it consists of 20 95 wt-% of at least one monomer of formula (I) and of 5 50 wt-% of at least one monomer of formula (II).
- (currently amended): A copolymer according to Claim 1-or 2 characterized in that it consists of 40 90 wt-% of at least one monomer of formula (I) and of 10 40 wt-% of at least one monomer of formula (II).

- 4. (currently amended): A copolymer according to <u>anyone of the preceding claims claim 1</u> characterized in that the copolymer comprises 50 500 ppm, preferably 100 300 ppm of at least one cross-linking agent based on the total amount of the copolymer.
- 5. (currently amended): A copolymer according to anyone of the preceding claims claim 1 characterized in that

R₁ is hydrogen or methyl, more preferably hydrogen,

R₂ is hydrogen or methyl, more preferably hydrogen.

R₃, R₄ and R₅ are independently from each other hydrogen or methyl, more preferably methyl,

n is an integer from 1-4, and

Y is Cl; Br; I; hydrogensulfate or methosulfate.

6. (currently amended): A copolymer according to anyone of the preceding claims claim 1 characterized in that

R₆ signifies hydrogen or methyl, more preferably hydrogen,

R₇ signifies hydrogen or methyl, more preferably hydrogen, and

R₈ signifies hydrogen or methyl, and

 R_9 signifies hydrogen or methyl, more preferably methyl, with the proviso that at least one of the substituents R_6 , R_7 , R_8 and R_9 is methyl.

7. (currently amended): A copolymer according to Claim 1 derived from the polymerization of (a) a cationic monomer of formula (I),

$$R_{1}-CH = C - C - C - CH_{2} - N - R_{4}$$

$$R_{1} - CH = C - C - CH_{2} - N - R_{4}$$

$$R_{2} - CH_{2} - R_{5}$$
(I)

wherein

 R_1 , R_2 , R_3 , R_4 and R_5 are independently from each other hydrogen or methyl, n is 1, 2 or 3, and

Y is a counterion, preferably-Cl; Br; I; hydrogensulfate or methosulfate, and

(b) a monomer of formula (II)

$$R_{6}-CH=C-C-N < R_{8} R_{7}$$
 (II)

wherein

 R_6 signifies hydrogen or methyl, more preferably hydrogen, R_7 signifies hydrogen or methyl, more preferably hydrogen, and R_8 signifies hydrogen or methyl, more preferably methyl, and R_9 signifies hydrogen or methyl, more preferably methyl, with the proviso that at least one of the substituents R_6 , R_7 , R_8 and R_9 is methyl, and

- (c) optionally at least one cross-linking agent selected from the group <u>consisting</u> of tetra allyl ammonium chloride; allyl-acrylamides and allyl-methacrylamides; bisacrylamidoacetic acid and/or N,N'-methylene-bisacrylamide, <u>preferably-tetra allyl-ammonium chloride and/or N,N'-methylene-bisacrylamide</u>.
- 8. (currently amended): A copolymer according to Claim 7 derived from the polymerization of 20 95 wt-% of at least one cationic monomer of formula (I), more preferably of 40 90 wt-% of at least one cationic monomer of formula (I),

and

ef-5 - 50 wt-%, more preferably of 10 - 40 wt-% of at least one monomer of formula (II) and

ef-50 – 500 ppm (based on the total amount of monomers), more preferably of 100 – 300 ppm (based on the total amount of monomers) of at least one compound-of selected from the group consisting of tetra allyl ammonium chloride; allyl-acrylamides and allyl-methacrylamides; bisacrylamidoacetic acid and/or N,N'-methylene-bisacrylamide, more preferably tetra allyl-ammonium chloride and/or N, N'-methylene-bisacrylamide.

(currently amended): A copolymer according to Claim 1 derived from the polymerization of
 (a) 40 – 90 wt-% of a cationic monomer of formula (I),

$$R_{1}-CH = C - C - C - CH_{2} - N_{1} - N_{4} - R_{4}$$
 (I)

wherein

 R_1 and R_2 are hydrogen, R_3 , R_4 and R_5 are methyl, n is 1, 2 or 3, preferably 2, and Y is Cl; Br; I; hydrogensulfate or methosulfate, preferably Cl, and

(b) 10-40 wt-% of a monomer of formula (II)

$$R_{6}-CH=C-C-N \setminus R_{9} (II)$$

wherein

 $R_{\rm 6}$ and $R_{\rm 7}$ signify hydrogen, $R_{\rm 8}$ and $R_{\rm 9}$ signify methyl, and

- (c) ef-100 300 ppm of tetra allyl ammonium chloride and/or N,N'-methylene-bisacrylamide.
- 10. (currently amended): A method of preparing a water- and/or oil-based personal care composition which comprises incorporation Use of a copolymer according to claim 1 into said composition anyone of the preceding Claims for water- and/or oil-based compositions, preferably for water- and/or oil-based personal care compositions.
- 11. (currently amended): An oil/water- based personal care composition which comprises:
 - 0.5 10 wt-% of at least one copolymer according to Claim 1,[[8]]
 - 2 25 wt-% of at least one oil-component,
 - 0 25wt-% of at least one adjuvant and/or additive, and water up to 100 wt-%.
- (currently amended): An A typical oil-based personal care composition which comprises
 0.5 10 wt-% of at least one copolymer according to Claim 1,[[8]]
 50 99 wt-% of at least one oil-component, and
 0 25 wt-% of at least one adjuvant and/or additive.
- 13. (new): A copolymer according to claim 5 characterized in that R₁ is hydrogen,

R₂ is hydrogen,

 R_3 , R_4 and R_5 are methyl,

n is an integer from 1-4, and

Y is Cl; Br; I; hydrogensulfate or methosulfate.

14. (new): A copolymer according to claim 6 characterized in that

R₆ signifies hydrogen,

R₇ signifies hydrogen, and

R₈ signifies hydrogen or methyl, and

R₉ signifies methyl.

15. (new): A copolymer according to claim 8 derived from the polymerization of

40 – 90 wt-% of at least one cationic monomer of formula (I),

and

10 – 40 wt-% of at least one monomer of formula (II)

and

100 – 300 ppm (based on the total amount of monomers) of at least one compound selected from the group consisting of tetra allyl ammonium chloride and N,N'-methylene-bisacrylamide.